

**AGREEMENT  
BETWEEN OWNER AND CONTRACTOR  
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)**

THIS AGREEMENT is by and between City of Schertz (“Owner”) and  
Thalle Construction Co., Inc. (“Contractor”).

Owner and Contractor hereby agree as follows:

**ARTICLE 1 – WORK**

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

**ARTICLE 2 – THE PROJECT**

2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows: 2018 Street Preservation and Maintenance Project

**ARTICLE 3 – ENGINEER**

3.01 The part of the Project that pertains to the Work has been designed by Cobb, Fendley & Associates, Inc.

3.02 The Owner has retained AG/CM, Inc., (“Engineer”) to act as Owner’s representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

**ARTICLE 4 – CONTRACT TIMES**

*4.01 Time of the Essence*

- A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract. Contract Times: Days
- B. The Work is expected to be substantially completed within the time agreed to during contract negotiation (anticipated duration 365 calendar days) calendar days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within 30 calendar days after the date of substantial completion. The number of days to substantial completion will be negotiated with the successful bidder and shall be within the range listed in this paragraph.

*4.02 Liquidated Damages*

- A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with the Contract. The Contractor acknowledges and recognizes that the Owner is entitled to full and beneficial occupancy and use of the completed work following expiration of the Contract Time. The Contractor further

acknowledges and agrees that, if the Contractor fails to substantially, or cause the Substantial Completion of any portion of the Work within the Contract time, the Owner will sustain actual damages as a result of such failure. The exact amount of such damages will be difficult to ascertain. Therefore, the Owner and Contractor agree that, if the Contractor shall neglect, fail, or refuse to achieve substantial completion of the Work by the Substantial Completion date, subject to proper extension granted by the Owner, then the Contractor agrees to pay the Owner the sum of:

1. **One thousand two hundred dollars (\$1200.00) per day** for each day in which such Work is not completed, not as penalty, but as liquidated damages, for the damages (“Liquidated Damages”) that would be suffered by Owner as a result of delay for each and every calendar day that the Contractor shall have failed to have completed the Work as required herein. The Liquidated Damages shall be in lieu of any and all other damages which may be incurred by Owner as a result of the failure of Contractor to complete within the Contract Time.

**ARTICLE 5 – CONTRACT PRICE**

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents the amounts that follow, subject to adjustment under the Contract:

- A. For all Unit Price Work, an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item):

Unit Price Work					
Item No.	Descriptic	To be replaced with values from Bid Form	ted ity	Unit Price	Extended Price
Total of all Extended Prices for Unit Price Work (subject to final adjustment based on actual quantities)					\$

The extended prices for Unit Price Work set forth as of the Effective Date of the Contract are based on estimated quantities. As provided in Paragraph 13.03 of the General Conditions, estimated quantities are not guaranteed, and final determinations of actual quantities and classifications are to be made by Engineer.

**ARTICLE 6 – PAYMENT PROCEDURES**

*6.01 Submittal and Processing of Payments*

- A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

*6.02 Progress Payments; Retainage*

- A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor’s Applications for Payment on or about the 30th day of each month during performance of the Work as provided in Paragraph 6.02.A.1 below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based

on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.

1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract
  - a. 95 percent of Work completed (with the balance being retainage); and
  - b. 95 percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).
- B. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to the full amount of the contract, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less such amounts as the Engineer shall determine for incomplete Work, retainage applicable to such work and unsettled claims.

### 6.03 Final Payment

- A. Upon final completion and acceptance of the Work in accordance with Paragraph 15.06 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 15.06.

## ARTICLE 7 – INTEREST

- 7.01 All amounts not paid when due shall bear interest at the maximum rate allowed by law, not to exceed 1% per month.

## ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS

- 8.01 In order to induce Owner to enter into this Contract, Contractor makes the following representations:
- A. Contractor has examined and carefully studied the Contract Documents, and any data and reference items identified in the Contract Documents.
  - B. Contractor has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  - C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
  - D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
  - E. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related reports and drawings identified in the Contract Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the

- Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (3) Contractor's safety precautions and programs.
- F. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
  - G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
  - H. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
  - I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
  - J. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

## **ARTICLE 9 – CONTRACT DOCUMENTS**

### *9.01 Contents*

- A. The Contract Documents consist of the following:
  - 1. This Agreement (pages A-1 to A-7, inclusive).
  - 2. Performance bond (pages PB-1 to PB-3, inclusive).
  - 3. Payment bond (pages PYB-1 to PYB-3, inclusive).
  - 4. General Conditions consisting of 66 pages of a modified version of EJCDC C-700, having a title page with the general title: STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT.
  - 5. Supplementary Conditions consisting of 151 pages as listed in table of contents (pages SC-1 to SC-6, inclusive).
  - 6. Specifications as listed in the table of contents of the Project Manual.
  - 7. Drawings (not attached but incorporated by reference) consisting of 101 sheets with each sheet bearing the following general title: Woman Hollering Creek Wastewater Line.
  - 8. Addenda (numbers 1 to 2, inclusive).
  - 9. Exhibits to this Agreement (enumerated as follows):
  - 10. Contractor's Bid (pages BF-1 to BF-12, inclusive).
  - 11. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:
    - a. Notice to Proceed.
    - b. Work Change Directives.
    - c. Change Orders.
    - d. Field Orders.
- B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as

expressly noted otherwise above).

- C. There are no Contract Documents other than those listed above in this Article 9.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in the General Conditions.

## **ARTICLE 10 – MISCELLANEOUS**

### *10.01 Terms*

- A. Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

### *10.02 Assignment of Contract*

- A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

### *10.03 Successors and Assigns*

- A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

### *10.04 Severability*

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

### *10.05 Contractor's Certifications*

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.05:
  1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process or in the Contract execution;
  2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
  4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect

the execution of the Contract.

*10.06 Other Provisions*

- A. Owner stipulates that if the General Conditions that are made a part of this Contract are based on EJCDC® C-700, Standard General Conditions for the Construction Contract, published by the Engineers Joint Contract Documents Committee®, and if Owner is the party that has furnished said General Conditions, then Owner has plainly shown all modifications to the standard wording of such published document to the Contractor, through a process such as highlighting or “track changes” (redline/strikeout), or in the Supplementary Conditions.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

This Agreement will be effective on \_\_\_\_\_ (which is the Effective Date of the Contract).

OWNER:

CONTRACTOR:

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

*(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)*

Attest: \_\_\_\_\_

Attest: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Address for giving notices:

Address for giving notices:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

License No.: \_\_\_\_\_

*(where applicable)*

*(If Owner is a corporation, attach evidence of authority to sign. If Owner is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of this Agreement.)*

**BID FORM - to replace unit price table in Agreement**

Bid Line Item	Quantity	Unit	Item Description	Unit Price	Amount
<b>BASE BID</b>					
<b>General</b>					
1	1	LS	Mobilization	\$ 466,000.00	\$ 466,000.00
2	1	LS	SWPPP	\$ 20,000.00	\$ 20,000.00
3	1	LS	Trench Safety Plan	\$ 10,000.00	\$ 10,000.00
4	1	LS	Grading	\$ 1,500.00	\$ 1,500.00
5	28.32	AC	Clearing and Grubbing	\$ 4,500.00	\$ 127,440.00
6	23,508	LF	Silt Fence	\$ 3.50	\$ 82,278.00
7	718	LF	Rock Berm	\$ 30.00	\$ 21,540.00
8	25	LF	Mulch Sock	\$ 15.00	\$ 375.00
9	4	EA	Stabilized Construction Entrance	\$ 3,500.00	\$ 14,000.00
10	<del>1847</del> 1993	LF	Remove and Replace Fence	\$ 35.00	\$ 69,755.00
11	1,011	LF	Tree Protection Fencing - 4' Fluorescent Orange Fence	\$ 2.00	\$ 2,022.00
12	<del>5454</del> 5452	LF	Temporary Cattle Fencing	\$ 15.00	\$ 81,780.00
13	<del>2562</del> 2474	LF	5-Strand Barbed Wire Fence (T-Post)	\$ 15.00	\$ 37,110.00
14	35	CY	Roadway Excavation	\$ 5.00	\$ 175.00
15	<del>24</del> 27	LF	6" PVC Sanitary Sewer Laterals, SDR 26	\$ 80.00	\$ 2,160.00
16	<del>54</del> 49	LF	8" PVC Sanitary Sewer Laterals, SDR 26	\$ 85.00	\$ 4,165.00
17	<del>2</del> 3	EA	6" Sanitary Sewer Service Stubs or Reconnections	\$ 1,200.00	\$ 3,600.00
18	3	EA	8" Sanitary Sewer Service Stubs or Reconnections	\$ 1,400.00	\$ 4,200.00
19	60	SY	Pavement Repair and Resurfacing	\$ 200.00	\$ 12,000.00
20	4	EA	Concrete Driveway Repair		
21	481	SY	Hydromulch	\$ 2.00	\$ 962.00

Bid Line Item	Quantity	Unit	Item Description	Unit Price	Amount
<b>Gravity Line (Pipe Depths)</b>					
22	516	LF	18" Gravity Wastewater Pipe (PVC) (6' - 10')	\$ 90.00	\$ 46,440.00
23	795	LF	18" Gravity Wastewater Pipe (PVC) (10' - 14')	\$ 100.00	\$ 79,500.00
24	124	LF	18" Gravity Wastewater Pipe (PVC) (14' - 18')	\$ 110.00	\$ 13,640.00
25	378	LF	30" Gravity Wastewater Pipe - C1 (PVC) (6' - 10')	\$ 195.00	\$ 73,710.00
26	129	LF	30" Gravity Wastewater Pipe - C1 (PVC) (10' - 14')	\$ 200.00	\$ 25,800.00
27	215	LF	30" Gravity Wastewater Pipe - C1 (PVC) (14'- 18')	\$ 215.00	\$ 46,225.00
28	221	LF	30" Gravity Wastewater Pipe - C1 (PVC) (18' - 22')	\$ 250.00	\$ 55,250.00
29	47	LF	30" Gravity Wastewater Pipe (PVC) (6'-10')	\$ 195.00	\$ 9,165.00
30	5,269	LF	30" Gravity Wastewater Pipe (PVC) (10'-14')	\$ 200.00	\$ 1,053,800.00
31	1,655	LF	30" Gravity Wastewater Pipe (PVC) (14'-18')	\$ 215.00	\$ 355,825.00
32	949	LF	30" Gravity Wastewater Pipe (PVC) (18'-22')	\$ 250.00	\$ 237,250.00
33	1,098	LF	30" Gravity Wastewater Pipe (PVC) (22'-25')	\$ 255.00	\$ 279,990.00
34	1,232	LF	30" Gravity Wastewater Pipe (PVC) (25'-30')	\$ 335.00	\$ 412,720.00
35	1156 1157	LF	30" Gravity Wastewater Pipe (PVC) (30'-35')	\$ 520.00	\$ 601,640.00
<b>14" Force Main (Pipe Depths)</b>					
36	5,062	LF	14" Force Main Wastewater Pipe (HDPE) (6' - 10') - Including Tracer Wire	\$ 85.00	\$ 430,270.00
37	674	LF	14" Force Main Wastewater Pipe (HDPE) (10'- 14') - Including Tracer Wire	\$ 90.00	\$ 60,660.00
38	57	LF	14" Force Main Wastewater Pipe (HDPE) (14'-18') - Including Tracer Wire	\$ 100.00	\$ 5,700.00
39	3	EA	42" 14" Eccentric Plug Valve (Flanged) Fully Ported w/ Valve Box	\$ 10,800.00	\$ 32,400.00
40	2	EA	2" Combination Air Release Valve	\$ 14,400.00	\$ 28,800.00
40B	1	EA	1.5" Air Release Valve w/ 2" Diameter Air Intake Pipe	\$ 7,860.00	\$ 7,860.00
40C	1	EA	14" Blow Off Valve Assembly	\$ 46,400.00	\$ 46,400.00

Bid Line Item	Quantity	Unit	Item Description	Unit Price	Amount
<b>Wastewater Structures</b>					
41	42	EA	5' Pre-Cast Concrete Manhole (Water Tight Ring and Cover)	\$ 12,100.00	\$ 508,200.00
42	1	EA	6' Pre-Cast Concrete Manhole (Water Tight Ring and Cover)	\$ 13,650.00	\$ 13,650.00
43	2	EA	8' Pre-Cast Concrete Manhole (Water Tight Ring and Cover)	\$ 21,000.00	\$ 42,000.00
44	466	VF	Extra Depth Manhole for 5'-Manhole (Greater Than 6')	\$ 360.00	\$ 167,760.00
45	10	VF	Extra Depth Manhole for 6'-Manhole (Greater than 6')	\$ 460.00	\$ 4,600.00
46	18	VF	Extra Depth Manhole for 8'-Manhole (Greater than 6')	\$ 870.00	\$ 15,660.00
47	170	LF	Jacking or Boring 30" Steel Encasement Pipe (Carrier Pipe and Encasement)	\$ 950.00	\$ 161,500.00
48	44	LF	Jacking or Boring 36" Steel Encasement Pipe (Carrier Pipe and Encasement)	\$ 1,050.00	\$ 46,200.00
49	1,127	LF	Jacking or Boring 48" Steel Encasement Pipe (Carrier Pipe and Encasement)	\$ 1,537.00	\$ 1,732,199.00
50	220	LF	30" Steel Encasement Pipe	\$ 300.00	\$ 66,000.00
51	100	LF	48" Steel Encasement Pipe	\$ 600.00	\$ 60,000.00
52	19	EA	16' Cattle/Utility Gate with Chain (Lock to be Provided by City of Schertz)	\$ 950.00	\$ 18,050.00
53	12	EA	14' Cattle Gate with Chain (Lock to be Provided by City of Schertz)	\$ 1,260.00	\$ 15,120.00
54	2	CY	Thrust Blocking at Bends on Force Mains (10 Degree to 90 Degree)	\$ 110.00	\$ 220.00
55	45	EA	Square Reflectors	\$ 400.00	\$ 18,000.00

Bid Line Item	Quantity	Unit	Item Description	Unit Price	Amount
<b>Lift Station</b>					
56	1	EA	16' D x 29.5' H Cast-In-Place Storage Well	\$ 300,000.00	\$ 300,000.00
57	1	EA	16' D x 35.5' H Cast-In-Place Wet Well	\$ 320,000.00	\$ 320,000.00
58	4	EA	Concrete Pads for Wet Wells (Bottoms and Tops)	\$ 17,000.00	\$ 68,000.00
59	2	EA	Submersible Wastewater Pump with Appurtenances	\$ 120,000.00	\$ 240,000.00
60	1	EA	6" D.I. Eccentric Plug Valve w/ Quick Connect (Flanged)	\$ 8,270.00	\$ 8,270.00
61	5	EA	12" Eccentric Plug Valve (Flanged) Fully Ported	\$ 3,950.00	\$ 19,750.00
62	4	EA	12" D.I. Swing Check Valve (Flanged)	\$ 6,860.00	\$ 27,440.00
63	1	EA	Liquid Filled Pressure Gauge (0-200 PSI) (Flanged with Ball Valve)	\$ 1,390.00	\$ 1,390.00
64	1	EA	12" Mag Meter/Flow Meter Transducer (Krohne Model Enviromag 2000)	\$ 9,000.00	\$ 9,000.00
65	4	EA	36"x54" Single Leaf Aluminum Hatch Cover Halliday Products (Model W1C3648)	\$ 1,600.00	\$ 6,400.00
66	1	EA	72"x48" Double Leaf Aluminum Hatch Cover, Halliday Products (Model W2C7248)	\$ 2,800.00	\$ 2,800.00
67	1	EA	Jib Crane - 3 TON Capacity	\$ 28,800.00	\$ 28,800.00
68	1	EA	Electric Hoist	\$ 15,700.00	\$ 15,700.00
69	4	LS	Air Scrubber		
70	1	EA	24" x 12" D.I. Tee	\$ 7,320.00	\$ 7,320.00
71	1	EA	24" x 12" D.I. Concentric Reducer	\$ 6,070.00	\$ 6,070.00
72	4	EA	12" Coupling (Flanged)	\$ 390.00	\$ 1,560.00
73	49	LF	12" D.I. Spool Pipe (Flanged)		
74	4	EA	Link Seal w/ Casing	\$ 1,130.00	\$ 4,520.00
75	1	EA	24" D.I. Blind Flange	\$ 6,640.00	\$ 6,640.00
76	4	EA	12" D.I. 90 Degree Long Radius Bend (Flanged)	\$ 2,610.00	\$ 10,440.00
77	68 218	LF	12" D.I. Discharge Pipe (Flanged)	\$ 420.00	\$ 91,560.00
78	2	EA	12" D.I. 45 Degree Bend (Flanged)	\$ 2,550.00	\$ 5,100.00
79	22	LF	12" D.I. Discharge Pipe (Flanged) to 14" FM		
80	3	EA	12" x 12" D.I. Tee (Flanged)	\$ 2,700.00	\$ 8,100.00
81	4	EA	12" x 8" Eccentric Reducer (Flanged)	\$ 1,720.00	\$ 6,880.00
82	1	EA	12" x 12" x 6" D.I. Wye (Flanged)	\$ 4,800.00	\$ 4,800.00
83	2	EA	6" Stainless Steel Vent Pipe with Stainless Steel Insect Screen	\$ 980.00	\$ 1,960.00
84	4	EA	Galvanized Steel Post-Up Ladder with Extension		

Bid Line Item	Quantity	Unit	Item Description	Unit Price	Amount
85	3	EA	Rubber Gasket Manhole Boot with Stainless Steel Clamp	\$ 320.00	960.00
86	12	EA	Pipe Supports (Adjustable)	\$ 1,920.00	23,040.00
87	1	LS	Electrical Service, Pump Controller and Transfer Switch	\$ 845,000.00	\$ 845,000.00
88	1	LS	Area Lighting on Pole with Photo Cell	\$ 4,000.00	\$ 4,000.00
89	435	LF	8' Rock Style Fence	\$ 120.00	52,200.00
90	2	EA	(2) 12' Wide, Double Swing, Gates with 180° Hinges and Key Pad Locked	\$ 3,730.00	7,460.00
91	504	LF	1' Concrete Ribbon Curb	\$ 37.00	18,648.00
92	83	LF	Stand up curb	\$ 27.00	2,241.00
93	1	EA	Concrete Driveway	\$ 5,330.00	\$ 5,330.00
94	64 128	LF	24" RCP Culvert	\$ 86.00	11,008.00
95	1	LS	Asphalt Paved Area	29,100.00	29,100.00
96	7	EA	Steel Bollards (Concrete Filled)	\$ 130.00	910.00
97	1	LS	450 KW (MIN.) 563 KVA, 677A 3-Phase Diesel Generator with Appurtenances	\$ 85,000.00	\$ 85,000.00
98	1	LS	SCADA with Appurtenances	\$ 75,000.00	\$ 75,000.00
99	500	SY	Coating	\$ 120.00	60,000.00
100	1	EA	Structural Concrete Pad for Generator	\$ 14,000.00	\$ 14,000.00
101	1	EA	Non-structural Concrete Pad for Control Panel	\$ 36,900.00	\$ 36,900.00
102	1	EA	Jib Crane Foundation	\$ 19,600.00	\$ 19,600.00
403	4	EA	Air Scrubber Pad		
104	1	LS	Commissioning Pumps, Generator and SCADA	12,000.00	12,000.00
105	4	EA	Combination Guard & Handrail Prefab, Galvanized Steel Stairway & Platform	6,170.00	24,680.00
105B	79	SY	6' Concrete Sidewalk	48.00	3,792.00
105C	1	LS	TxDOT Grade 1 Crushed Stone (860 SY)	9,530.00	9,530.00
105C	8	EA	12" D.I. 45 Degree Bend (Flanged) - Inside Wet Well	1,320.00	10,560.00
105D	1	EA	12" D.I. Pipe to 14" HDPE Pipe Transition Coupling	2,650.00	2,650.00
<b>Lift Station Demolition</b>					
106	1	LS	Sedona Lift Station Decommissioning	23,400.00	23,400.00
107	1	LS	Diversion Pumping	10,500.00	10,500.00
<b>Total Construction (Base Bid)</b>					<b>\$ 10,323,275.00</b>

TABULATION OF ALTERNATIVE 1 IS FURTHER ITEMIZED AS FOLLOWS:

Bid Line Item	Quantity	Unit	Item Description	Unit Price	Amount
<b>BID ALTERNATIVE 1 - REPLACE PVC WITH CCFRPM</b>					
108	-1	LS	Mobilization		
109	-516	LF	18" Gravity Wastewater Pipe (PVC) (6' - 10')	\$ 90.00	(\$ 46,440.00)
110	-795	LF	18" Gravity Wastewater Pipe (PVC) (10' - 14')	\$ 100.00	(\$ 79,500.00)
111	-124	LF	18" Gravity Wastewater Pipe (PVC) (14' - 18')	\$ 110.00	(\$ 13,640.00)
112	-378	LF	30" Gravity Wastewater Pipe - C1 (PVC) (6' - 10')	\$ 195.00	(\$ 73,710.00)
113	-129	LF	30" Gravity Wastewater Pipe - C1 (PVC) (10' - 14')	\$ 200.00	(\$ 25,800.00)
114	-215	LF	30" Gravity Wastewater Pipe - C1 (PVC) (14'- 18)	\$ 215.00	(\$ 46,225.00)
115	-221	LF	30" Gravity Wastewater Pipe - C1 (PVC) (18' - 22')	\$ 250.00	(\$ 55,250.00)
116	-47	LF	30" Gravity Wastewater Pipe (PVC) (6'-10')	\$ 195.00	(\$ 9,165.00)
117	-5269	LF	30" Gravity Wastewater Pipe (PVC) (10'-14')	\$ 200.00	(\$ 1,053,800.00)
118	-1655	LF	30" Gravity Wastewater Pipe (PVC) (14'-18')	\$ 215.00	(\$ 355,825.00)
119	-949	LF	30" Gravity Wastewater Pipe (PVC) (18'-22')	\$ 250.00	(\$ 237,250.00)
120	-1098	LF	30" Gravity Wastewater Pipe (PVC) (22'-25')	\$ 255.00	(\$ 279,990.00)
121	-1232	LF	30" Gravity Wastewater Pipe (PVC) (25'-30')	\$ 335.00	(\$ 412,720.00)
122	-1156	LF	30" Gravity Wastewater Pipe (PVC) (30'-35')	\$ 520.00	(\$ 601,120.00)
123	1	LS	Mobilization		
124	516	LF	18" Gravity Waterwater Pipe (CCFRPM) (6'-10')	\$ 100.00	\$ 51,600.00
125	795	LF	18" Gravity Waterwater Pipe (CCFRPM) (10'-14')	\$ 105.00	\$ 83,475.00
126	124	LF	18" Gravity Waterwater Pipe (CCFRPM) (14'-18')	\$ 115.00	\$ 14,260.00
127	378	LF	30" Gravity Wastewater Pipe - C1 (CCFRPM) (6' - 10')	\$ 185.00	\$ 69,930.00
128	129	LF	30" Gravity Wastewater Pipe - C1 (CCFRPM) (10' - 14')	\$ 190.00	\$ 24,510.00
129	215	LF	30" Gravity Wastewater Pipe - C1 (CCFRPM) (14'- 18)	\$ 205.00	\$ 44,075.00
130	221	LF	30" Gravity Wastewater Pipe - C1 (CCFRPM) (18' - 22')	\$ 235.00	\$ 51,935.00
131	47	LF	30" Gravity Waterwater Pipe (CCFRPM) (6'-10')	\$ 185.00	\$ 8,695.00
132	5,269	LF	30" Gravity Waterwater Pipe (CCFRPM) (10'-14')	\$ 190.00	\$ 1,001,110.00
133	1,655	LF	30" Gravity Waterwater Pipe (CCFRPM) (14'-18')	\$ 205.00	\$ 339,275.00
134	949	LF	30" Gravity Waterwater Pipe (CCFRPM) (18'-22')	\$ 235.00	\$ 223,015.00
135	1,098	LF	30" Gravity Waterwater Pipe (CCFRPM) (22'-25')	\$ 240.00	\$ 263,520.00
136	1,232	LF	30" Gravity Waterwater Pipe (CCFRPM) (25'-30')	\$ 300.00	\$ 369,600.00
137	1456 1157	LF	30" Gravity Waterwater Pipe (CCFRPM) (30'-35')	\$ 480.00	\$ 555,360.00
<b>Total Construction (Bid Alternative 1)</b>					<b>\$ (190,075.00)</b>

TABULATION OF ALTERNATIVE 2 IS FURTHER ITEMIZED AS FOLLOWS:

Bid Line Item	Quantity	Unit	Item Description	Unit Price	Amount
<b>BID ALTERNATIVE 2 - REPLACE PRECAST CONCRETE MANHOLES WITH POLYMER MANHOLES</b>					
138	-1	LS	Mobilization (Base Bid)		
139	-42	EA	5' Pre-Cast Concrete Manhole (Water Tight Ring and Cover)	\$ 12,100.00	(\$ 508,200.00)
140	-1	EA	6' Pre-Cast Concrete Manhole (Water Tight Ring and Cover)	\$ 13,650.00	(\$ 13,650.00)
141	-2	EA	8' Pre-Cast Concrete Manhole (Water Tight Ring and Cover)	\$ 21,000.00	(\$ 42,000.00)
142	-466	VF	Extra Depth Manhole for 5'-Manhole (Greater Than 6')	\$ 360.00	(\$ 167,760.00)
143	-10	VF	Extra Depth Manhole for 6'-Manhole (Greater than 6')	\$ 460.00	(\$ 4,600.00)
144	-18	VF	Extra Depth Manhole for 8'-Manhole (Greater than 6')	\$ 870.00	(\$ 15,660.00)
145	1	LS	Mobilization		
146	42	EA	5' Pre-Cast Polymer Manhole (Water Tight Ring and Cover)	\$ 16,900.00	\$ 709,800.00
147	1	EA	6' Pre-Cast Polymer Manhole (Water Tight Ring and Cover)	\$ 22,000.00	\$ 22,000.00
148	2	EA	8' Pre-Cast Polymer Manhole (Water Tight Ring and Cover)	\$ 39,000.00	\$ 78,000.00
149	466	VF	Extra Depth Polymer Manhole for 5'-Manhole (Greater Than 6')	\$ 720.00	\$ 335,520.00
150	10	VF	Extra Depth Polymer Manhole for 6'-Manhole (Greater than 6')	\$ 920.00	\$ 9,200.00
151	18	VF	Extra Depth Polymer Manhole for 8'-Manhole (Greater than 6')	\$ 1,740.00	\$ 31,320.00
<b>Total Construction (Bid Alternative 2)</b>					<b>\$ 433,970.00</b>

TABULATION OF ALTERNATIVE 3 IS FURTHER ITEMIZED AS FOLLOWS:

Bid Line Item	Quantity	Unit	Item Description	Unit Price	Amount
<b>BID ALTERNATIVE 3 - CONSTRUCT PROPOSED 30" HDPE FORCE MAIN</b>					
152	-1	LS	Mobilization		
153	1	LS	Mobilization	\$ 100,000.00	\$ 100,000.00
154	2 3	EA	24" 30" Eccentric Plug Valve (Flanged) Fully Ported w/ Valve Box	\$ 52,000.00	\$ 156,000.00
155	1	EA	24" Eccentric Plug Valve (Flanged) Fully Ported	\$ 33,000.00	\$ 33,000.00
156	1	EA	24" Mag Meter/Flow Meter Transducer (Krohne Model Enviromag 2000)	\$ 16,000.00	\$ 16,000.00
157	8	LF	24" D.I. Spool Pipe (Flanged)		
158	23 38	LF	24" D.I. Discharge Pipe (Flanged) -To 30" FM	\$ 900.00	\$ 34,200.00
159	1	LF	24" D.I. Pipe to 30" HDPE Pipe Transition Coupling	\$ 15,000.00	\$ 15,000.00
160	13	LF	30" Gravity Wastewater Pipe (PVC) (14'-18')	\$ 205.00	\$ 2,665.00
161	1	EA	Liquid Filled Pressure Gauge (0-200 PSI) (Flanged with Ball Valve)	\$ 1,600.00	\$ 1,600.00
162	1	EA	8' Pre-Cast Concrete Manhole (Water Tight Ring and Cover)	\$ 21,000.00	\$ 21,000.00
163	11	VF	Extra Depth Manhole for 8'-Manhole (Greater than 6')	\$ 930.00	\$ 10,230.00
164	2 1	EA	1.5" Air Release Valve w/ 2" Diameter Air Intake Pipe	\$ 6,000.00	\$ 6,000.00
165	2	EA	2" Combination Air Release Valve	\$ 13,000.00	\$ 26,000.00
166	3,659	LF	30" Force Main Wastewater Pipe (HDPE) (6'-10') - Including Tracer Wire	\$ 196.00	\$ 717,164.00
167	2,003	LF	30" Force Main Wastewater Pipe (HDPE) (10'-14') - Including Tracer Wire	\$ 217.00	\$ 434,651.00
168	101	LF	30" Force Main Wastewater Pipe (HDPE) (14'-18') - Including Tracer Wire	\$ 220.00	\$ 22,220.00
169	170	LF	Jacking or Boring 48" Steel Encasement Pipe	\$ 1,500.00	\$ 255,000.00
170	219	LF	48" Steel Encasement Pipe	\$ 600.00	\$ 131,400.00
170B	1	EA	30" Blow Off Valve Assembly	\$ 60,000.00	\$ 60,000.00
170C	2	EA	24" D.I. 45 Degree Bend (Flanged)	\$ 4,500.00	\$ 9,000.00
170D	2	EA	Pipe Supports (Adjustable)	\$ 1,000.00	\$ 2,000.00
<b>Total Construction (Bid Alternative 3)</b>					<b>\$ 2,053,130.00</b>

**BID SUMMARY**

DESCRIPTION	BID PRICE
<b>BASE BID</b>	\$10,323,275.00
<b>BID ALTERNATIVE 1</b>	<b>\$(190,075.00)</b>
<b>BID ALTERNATIVE 2</b>	\$ 433,970.00
<b>BID ALTERNATIVE 3</b>	\$2,053,130.00